



OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/755,017

DATE: 06/19/2001

TIME: 12:28:00

Input Set : A:\Seqlist.txt

Output Set: N:\CRF3\06192001\I755017.raw

4 <110> APPLICANT: Walke, D. Wade
 5 Wilganowski, Nathaniel
 6 Turner, C. Alexander Jr.
 7 Friedrich, Glenn
 8 Abuin, Alejandro
 9 Zambrowicz, Brian
 10 Sands, Arthur T.
 12 <120> TITLE OF INVENTION: Novel Human Membrane Proteins and
 13 Polynucleotides Encoding the Same
 15 <130> FILE REFERENCE: LEX-0115-USA
 C--> 17 <140> CURRENT APPLICATION NUMBER: US/09/755,017
 C--> 17 <141> CURRENT FILING DATE: 2001-01-05
 17 <150> PRIOR APPLICATION NUMBER: US 60/175,764
 18 <151> PRIOR FILING DATE: 2000-01-12
 20 <160> NUMBER OF SEQ ID NOS: 3
 22 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 942
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo Sapien
 29 <400> SEQUENCE: 1

30	atgaattggg taaatgacag catcatacag gagtttattc tgctgggtt ctcagatcga	60
31	ccttggctgg agtttccact ccttgtggtc ttcttgattt cttacactgt gaccatctt	120
32	ggcaatctga ccattattct agtgtcacgc ctggacacca aacttcatac ccccatgtat	180
33	ttttttctta ccaatctatac actcctggat ctttggtaca ccacatgtac agtcccacaa	240
34	atgcttagtaa atttatgcag catcaggaaa gtaatcagtt atcgtggctg ttagccccag	300
35	cttttcatat ttctggcctt gggggctact gaatatcttc tcctggccgt catgtccttt	360
36	gataggtttg tagctatttg tcggcctctc cattactcag ttatcatgca ccagagactc	420
37	tgcctccagt tggcagccgc atcctgggtt actggttta gtaactcagt gtgggtgtct	480
38	accctgactc tccagctgcc actctgtgac ccctatgtga tagatcactt tctctgtgaa	540
39	gtccctgcac tgctcaagtt atcttgtgtt gagacaacag caaatgaggg tgaactattc	600
40	cttgtcagtg agctctcca tctaataccctc ctgacactca tccttatatc atatgcttt	660
41	attgtccgag cagtattgag gatacagtct gctgaaggc gacaaaaagc atttgggaca	720
42	tgtggttccc atctaattgtt ggtgtctt ttttatagta cagccgtctc tgtgtacctg	780
43	caaccacctt cgccccagctc caaggaccaa ggaaagatgg tttctctt ctatggaatc	840
44	attgcaccca tgctgaatcc ctttatatac acacttagga acaaggaggt aaaggaaggc	900
45	tttaaaaggt tgggttgcag agtcttctta atcaagaaat aa	942
47	<210> SEQ ID NO: 2	
48	<211> LENGTH: 313	
49	<212> TYPE: PRT	
50	<213> ORGANISM: Homo Sapien	
52	<400> SEQUENCE: 2	
53	Met Asn Trp Val Asn Asp Ser Ile Ile Gln Glu Phe Ile Leu Leu Gly	
54	1 5 10 15	
55	Phe Ser Asp Arg Pro Trp Leu Glu Phe Pro Leu Leu Val Val Phe Leu	
56	20 25 30	
57	Ile Ser Tyr Thr Val Thr Ile Phe Gly Asn Leu Thr Ile Ile Leu Val	

ENTERED

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58	35	40	45	
59	Ser Arg Leu Asp Thr Lys Leu His Thr Pro Met Tyr Phe Phe Leu Thr			
60	50	55	60	
61	Asn Leu Ser Leu Leu Asp Leu Cys Tyr Thr Thr Cys Thr Val Pro Gln			
62	65	70	75	80
63	Met Leu Val Asn Leu Cys Ser Ile Arg Lys Val Ile Ser Tyr Arg Gly			
64	85	90	95	
65	Cys Val Ala Gln Leu Phe Ile Phe Leu Ala Leu Gly Ala Thr Glu Tyr			
66	100	105	110	
67	Leu Leu Leu Ala Val Met Ser Phe Asp Arg Phe Val Ala Ile Cys Arg			
68	115	120	125	
69	Pro Leu His Tyr Ser Val Ile Met His Gln Arg Leu Cys Leu Gln Leu			
70	130	135	140	
71	Ala Ala Ala Ser Trp Val Thr Gly Phe Ser Asn Ser Val Trp Leu Ser			
72	145	150	155	160
73	Thr Leu Thr Leu Gln Leu Pro Leu Cys Asp Pro Tyr Val Ile Asp His			
74	165	170	175	
75	Phe Leu Cys Glu Val Pro Ala Leu Leu Lys Leu Ser Cys Val Glu Thr			
76	180	185	190	
77	Thr Ala Asn Glu Ala Glu Leu Phe Leu Val Ser Glu Leu Phe His Leu			
78	195	200	205	
79	Ile Pro Leu Thr Leu Ile Leu Ile Ser Tyr Ala Phe Ile Val Arg Ala			
80	210	215	220	
81	Val Leu Arg Ile Gln Ser Ala Glu Gly Arg Gln Lys Ala Phe Gly Thr			
82	225	230	235	240
83	Cys Gly Ser His Leu Ile Val Val Ser Leu Phe Tyr Ser Thr Ala Val			
84	245	250	255	
85	Ser Val Tyr Leu Gln Pro Pro Ser Pro Ser Ser Lys Asp Gln Gly Lys			
86	260	265	270	
87	Met Val Ser Leu Phe Tyr Gly Ile Ile Ala Pro Met Leu Asn Pro Leu			
88	275	280	285	
89	Ile Tyr Thr Leu Arg Asn Lys Glu Val Lys Glu Gly Phe Lys Arg Leu			
90	290	295	300	
91	Val Ala Arg Val Phe Leu Ile Lys Lys			
92	305	310		
94	<210> SEQ ID NO: 3			
95	<211> LENGTH: 1488			
96	<212> TYPE: DNA			
97	<213> ORGANISM: Homo Sapien			
99	<220> FEATURE:			
100	<221> NAME/KEY: misc_feature			
101	<222> LOCATION: (1)...(1488)			
102	<223> OTHER INFORMATION: n = A,T,C or G			
104	<400> SEQUENCE: 3			
W-->	105 agaaaatact ttggnaatta tgagcatttt caanctgtat atttttcatg taataaaanc	60		
	106 aagcaatatac aatttctgtta aatatcttca aaacaggtag taaaatgact ataagtaact	120		
	107 gaaatagttt acaaataatgt gttaatttgac ttctgttcaatt ttctgtttc agggaaaccaa	180		
	108 gagttgaaac attaatcatg aattgggtaa atgacagcat catacaggag tttattctgc	240		
	109 tgggtttctc agatcgacct tggctggagt ttccactcct tggatcttc ttgatttctt	300		

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110	acactgtgac catcttggc aatctgacca ttattctagt gtcacgcctg gacaccaaac	360
111	ttcataccccc catgtatttt tttcttacca atctatcact cctggatctt tgttacacca	420
112	catgtacagt cccacaatg ctagtaaatt tatgcagcat caggaaagta atcagttatc	480
113	gtggctgtgt agcccgatc ttcatattc tggccttggg ggctactgaa tatcttctcc	540
114	tggccgtcat gtccttgat aggtttgtag ctatTTgtcg gcctctccat tactcagtt	600
115	tcatgcacca gagactctgc ctccagttgg cagccgcatac ctgggttact ggTTTtagta	660
116	actcagttgt gttgtctacc ctgactctcc agctgccact ctgtgacccc tatgtgatag	720
117	atcactttct ctgtgaagtc cctgcactgc tcaagttatc ttgtgttgag acaacagcaa	780
118	atgaggcgtga actattcctt gtcagtgagc tcttccatct aataccctg acactcatcc	840
119	ttatatcata tgctttatt gtccgagcag tattgaggat acagtctgct gaaggtcgac	900
120	aaaaagcatt tgggacatgt gttcccatc taatttgtgt gtcttttt tatagtacag	960
121	ccgtctctgt gtacctgcaa ccacccatcg ccagctccaa ggaccaagga aagatggtt	1020
122	ctctcttcta tggaaatcatt gcacccatgc tgaatcccc tatatacata cttaggaaca	1080
123	aggaggtaaa ggaaggcttt aaaagggtgg ttgcaagagt cttcttaatc aagaaataag	1140
124	aaatatgcaa atgataagct ttgctaaaga caaaatgttt acttagctt ctaacttctc	1200
125	tgtaagttgc cctatTTTG ttgttactgt agagaacaat gtaaactccc tcaaataaaa	1260
126	tttccttgat gaagagctat atttacttct gttgccttaa tgTTTcatt gaacaagccc	1320
127	ccagaattga cttccaatt cacaaaaat tgtaatcaca acatcttcaa ggTTTgtcaa	1380
128	acatccatc aatgcttgta caattcaatg taaatttagat ccgtagaaaa gccagaagtt	1440
129	cttctccaa tatcacacac acacacacac acacacacac	1488

VERIFICATION SUMMARY

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L:17 M:270 C: Current Application Number differs, Replaced Current Application No

L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:105 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3